



# ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

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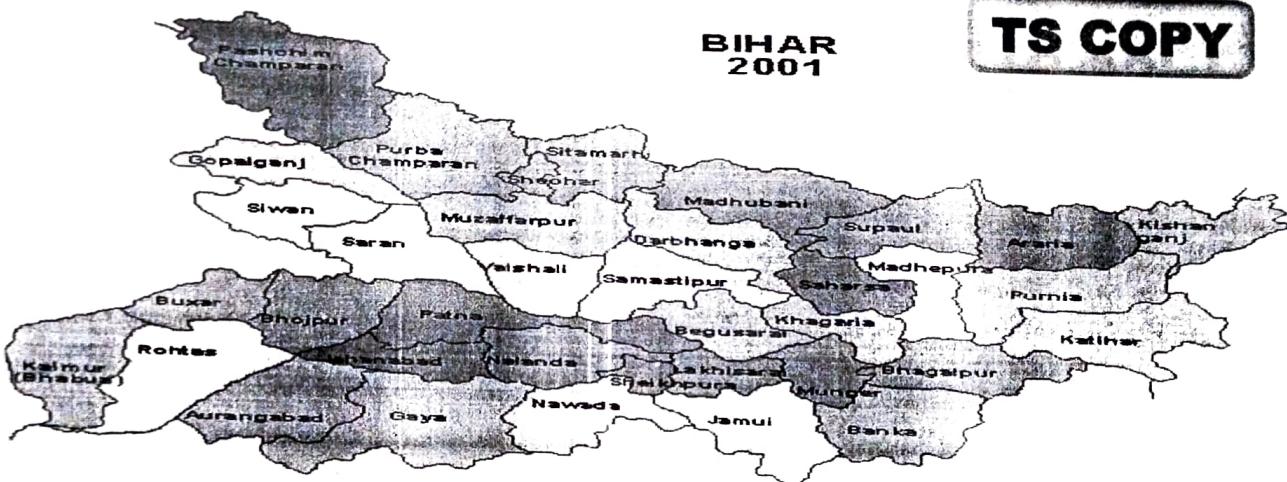
## BIHAR RURAL ROADS PROJECT

Bihar Rural Road Development Agency (BRRDA)

### DETAILED PROJECT REPORT FOR MAINTENANCE OF ROAD

BIHAR  
2001

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DISTRICT :	East Champaran	BLOCK :	Madhuban
NAME OF ROAD :	T04 To MARIPUR MAL TAK		
TOTAL LENGTH IN KM.	:	2.350	KMS
TOTAL CONSTRUCTION LENGTH IN KM.	:	2.350	KMS
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	:	129.860	Lakhs
AVERAGE COST PER KM	:	55.259	Lakhs
PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE	:	27.585	Lakhs
TOTAL PROJECT COST	:	157.444	Lakhs

**Submitted By:**

Executive Engineer  
RWD (w) Division, Pakri Dayal  
East Champaran

**Prepared By:**

Superstar Designer Pvt. Ltd.  
Flat No. 403, Bhuvaneshwaram Building  
Nageshwar Colony, Near Boring Road  
Chauraha, Patna - 800020

**GENERAL ABSTRACT OF COST FOR MAINTENANCE OF ROAD**

NAME OF ROAD :

T04 To MARIPUR MAL TAK

DISTRICT	East Champaran
BLOCK	Madhuban
DIVISION	Pakri Dayal
LENGTH OF CONSTRUCTION ROAD	2.350 km
LENGTH OF BT PAVEMENT	2.210 km
LENGTH OF CC PAVEMENT	0.140 km
<b>CD STRUCTURES</b>	
HUME PIPE	3
RCC SLAB CULVERT	0

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
<b>PART-A</b>		
1	INITIAL RECTIFICATION INCLUDING SURFACE RENEWAL	
1	PREPARATORY WORKS , SITE CLEARANCE , DISMANTLING	0.328
2	EARTHWORK	3.884 3.721
3	GSB GR-II	2.907
4	WBM GRADE II	8.303
5	WBM GRADE III	10.817
6	PRIME COAT	1.922
7	Patch work using MSS(15%)(Type B) (Waste Plastic)	8.083
8	TACK COAT (100%)	2.506
9	SDBC(100%)	30.750
10	CC PAVEMENT	7.799
11	DRAIN	0.000
12	ROAD FURNITURES , KM STONES , TRAFFIC & DIRECTION SIGN, MAINTENANCE BOARD, ROAD SAFETY & PLANTATION OF TREES.	12.958
13	CROSS DRAINAGE	8.181
<b>SUB TOTAL OF INTIAL RECTIFICATION INDLUCING SURFACE RENEWAL =</b>		<b>98.437 98.274</b>
		<b>AVERAGE COST PER KM (IN LACS) =</b>
		<b>41.819</b>
<b>PART-B</b>		
<b>5 YEAR ORDINARY MAINTENANCE COST</b>		
I st Year		1.176
II nd Year		3.384
III rd Year		7.341
IV th Year		3.510
V th Year		7.725
<b>SUB TOTAL OF 5 YEAR ORDINARY MAINTENANCE COST =</b>		<b>23.136</b>
<b>5 YEAR ORDINARY MAINTENANCE COST</b>		<b>23.136</b>
<b>TOTAL COST OF 5 YEAR ORDANARY MAINTENANCE PER MONTH (IN LACS)</b>		<b>0.386</b>
<b>SUB TOTAL(A) =</b>		<b>121.410</b>
<b>18 % GST (B)</b>		<b>21.854</b>
<b>1% LABOUR CESS @</b>		<b>1.214</b>
<b>10% SEIGNIORAGE FEE(Constr. &amp; Maint.)</b>		<b>1.160</b>
<b>CONTINGENCY COST @2.25%(D)</b>		<b>0.000</b>
<b>Emergent Cost @ 10% of Total</b>		<b>11.805</b>
<b>TOTAL COST OF PROJECT (including GST &amp; Labour Cess) IN LACS =</b>		<b>157.444</b>

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RWD

AE  
RWD

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RWD

M/R UNDER 3054

GENERAL ABSTRACT OF COST

Block:- Madhuban

District:- East Champaran

Construction Length of Road:- 2.350 KM

Name of Road:- T04 To MARIPUR MAL TAK

SL. No.	Item of Work	Amount
A	TOTAL COST OF CONSTRUCTION	98.437 98.274 Lacs
	GST @18%	17.768 17.689 Lacs
	LABOUR CESS @1%	0.984 0.983 Lacs
	10% SEIGNIORAGE FEE	1.107 Lacs
	TOTAL	118.245 118.054 Lacs
	Emergent Cost @ 10% of Total	11.805 Lacs
	TOTAL (A)	129.860 Lacs
B	FIVE YEAR MAINTENANCE COST	23.136 Lacs
	GST @18%	4.164 Lacs
	LABOUR CESS @1%	0.231 Lacs
	10% SEIGNIORAGE FEE	0.053 Lacs
	TOTAL (B)	27.585 Lacs
C	AVERAGE COST PER KM	55.259 Lacs
	TOTAL PROJECT COST (A+B)	145.83 157.444 Lacs

*Wagwan  
20/4/22*  
Junior Engineer

*Asstt. Engineer*  
Asstt. Engineer

*Executive Engineer*  
Executive Engineer

SF  
RWD

*CPS  
R. Mohan  
10/10/22*  
Superintending Engineer  
Rural Works Department  
Government of Bihar

*20/10/2022*